

Table S3. Full Text Articles that were Reviewed

Author(s)	Journal	Title	Year	Volume	Issue	Database
S. K. Ahluwalia and E. C. Matsui	Curr Opin Allergy Clin Immunol	The indoor environment and its effects on childhood asthma	2011	11	2	PubMed
A. H. Ali, et al.	Mol Carcinog	Aberrant DNA methylation of some tumor suppressor genes in lung cancers from workers with chromate exposure	2011	50	2	PubMed
F. Angelini, et al.	Oxid Med Cell Longev	The Impact of Environmental Factors in Influencing Epigenetics Related to Oxidative States in the Cardiovascular System	2017	2017		PubMed
Y. Bai, et al.	J Med Genet	Gene editing as a promising approach for respiratory diseases	2018	55	3	PubMed
B. F. Bessac and S. E. Jordt	Proc Am Thorac Soc	Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures	2010	7	4	PubMed
M. A. Bind, et al.	Epidemiology	Air pollution and markers of coagulation, inflammation, and endothelial function: associations and epigene-environment interactions in an elderly cohort	2012	23	2	PubMed
A. K. Boehme, et al.	Circ Res	Stroke Risk Factors, Genetics, and Prevention	2017	120	3	PubMed
C. V. Breton, et al.	Environ Health Perspect	Prenatal Air Pollution Exposures, DNA Methyl Transferase Genotypes, and Associations with Newborn LINE1 and Alu Methylation and Childhood Blood Pressure and Carotid Intima-Media Thickness in the Children's Health Study	2016	124	12	PubMed
H. Cai and C. Wang	Chest	Surviving With Smog and Smoke: Precision Interventions?	2017	152	5	PubMed
C. Canova, et al.	Epidemiology	PM10-induced hospital admissions for asthma and chronic obstructive pulmonary disease: the modifying effect of individual characteristics	2012	23	4	PubMed
C. Carlsten and E. Melen	Curr Opin Allergy Clin Immunol	Air pollution, genetics, and allergy: an update	2012	12	5	PubMed
M. Cresci, et al.	Am J Cardiol	Maternal and paternal environmental risk factors, metabolizing GSTM1 and GSTT1 polymorphisms, and congenital heart disease	2011	108	11	PubMed
N. Ding, et al.	PLoS One	Lead-Related Genetic Loci, Cumulative Lead Exposure and Incident Coronary Heart Disease: The Normative Aging Study	2016	11	9	PubMed
K. Donaldson and C. A. Poland	Swiss Med Wkly	Inhaled nanoparticles and lung cancer - what we can learn from conventional particle toxicology	2012	142		PubMed
M. Fathy, et al.	Mol Diagn Ther	Association between environmental tobacco smoke exposure and lung cancer susceptibility: modification by antioxidant enzyme genetic polymorphisms	2014	18	1	PubMed
L. Gan, et al.	Int J Chron Obstruct Pulmon Dis	Curcumin modulates the effect of histone modification on the expression of chemokines by type II alveolar epithelial cells in a rat COPD model	2016	11		PubMed
D. J. Gregory, et al.	Am J Physiol Lung Cell Mol Physiol	Transgenerational transmission of asthma risk after exposure to environmental particles during pregnancy	2017	313	2	PubMed
I. Gupta, et al.	Proc Natl Acad Sci U S A	Ascorbate attenuates pulmonary emphysema by inhibiting tobacco smoke and Rtp801-triggered lung protein modification and proteolysis	2016	113	29	PubMed
A. J. Henderson, et al.	Thorax	Maternal Nrf2 and glutathione-S-transferase polymorphisms do not modify associations of prenatal tobacco smoke exposure with asthma and lung function in school-aged children	2010	65	10	PubMed
M. Hodjat, et al.	Arch Toxicol	Environmental toxicants, incidence of degenerative diseases, and therapies from the epigenetic point of view	2017	91	7	PubMed
X. Huang, et al.	Bull Cancer	Methylation analysis for multiple gene promoters in non-small cell lung cancers in high indoor air pollution region in China	2018	105	9	PubMed
B. F. Hwang, et al.	PLoS One	Fine particle, ozone exposure, and asthma/wheezing: effect modification by glutathione S-transferase P1 polymorphisms	2013	8	1	PubMed
M. A. Jhun, et al.	Environ Health	Effect modification by vitamin D receptor genetic polymorphisms in the association between cumulative lead exposure and pulse pressure: a longitudinal study	2015	14		PubMed
M. Kabesch	Curr Opin Allergy Clin Immunol	Epigenetics in asthma and allergy	2014	14	1	PubMed
E. C. Klingbeil, et al.	Immunol Res	Polycyclic aromatic hydrocarbons, tobacco smoke, and epigenetic remodeling in asthma	2014	58	3-Feb	PubMed
B. Kljaic-Bukvic, et al.	Pediatr Allergy Immunol	Genetic variants in endotoxin signalling pathway, domestic endotoxin exposure and asthma exacerbations	2014	25	6	PubMed
J. K. Kresovich, et al.	Biomarkers	Histone 3 modifications and blood pressure in the Beijing Truck Driver Air Pollution Study	2017	22	6	PubMed
C. C. Kuo, et al.	Curr Diab Rep	Environmental chemicals and type 2 diabetes: an updated systematic review of the epidemiologic evidence	2013	13	6	PubMed
C. H. Kuo, et al.	Asia Pac Allergy	Epigenetic regulation in allergic diseases and related studies	2014	4	1	PubMed
C. Lau, et al.	Obstet Gynecol	Fetal programming of adult disease: implications for prenatal care	2011	117	4	PubMed
S. Y. Lee, et al.	BMC Pulm Med	Modification of additive effect between vitamins and ETS on childhood asthma risk according to GSTP1 polymorphism: a cross -sectional study	2015	15		PubMed
S. Leng, et al.	Carcinogenesis	Genetic variation in SIRT1 affects susceptibility of lung squamous cell carcinomas in former uranium miners from the Colorado plateau	2013	34	5	PubMed
J. Li, et al.	Clin Respir J	Particulate matter-induced epigenetic changes and lung cancer	2017	11	5	PubMed
X. Li, et al.	Sci Rep	Modification of the association between maternal smoke exposure and congenital heart defects by polymorphisms in glutathione S-transferase genes	2015	5		PubMed
W. Y. Lim and A. Seow	Respirology	Biomass fuels and lung cancer	2012	17	1	PubMed
A. H. Liu, et al.	J Allergy Clin Immunol	Advances in asthma 2015: Across the lifespan	2016	138	2	PubMed
P. Ljungman, et al.	Environ Health Perspect	Modification of the interleukin-6 response to air pollution by interleukin-6 and fibrinogen polymorphisms	2009	117	9	PubMed
I. Mordukhovich, et al.	Epidemiology	Association Between Particulate Air Pollution and QT Interval Duration in an Elderly Cohort	2016	27	2	PubMed
I. Mordukhovich, et al.	Environ Health Perspect	Black carbon exposure, oxidative stress genes, and blood pressure in a repeated-measures study	2009	117	11	PubMed
A. M. Neophytou, et al.	Am J Respir Crit Care Med	Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II (Genes-Environments and Admixture in Latino Americans) and SAGE II (Study of African Americans, Asthma, Genes, and Environments) Studies	2016	193	11	PubMed
J. M. Ordovas and C. E. Smith	Nat Rev Cardiol	Epigenetics and cardiovascular disease	2010	7	9	PubMed
B. Ouyang, et al.	Toxicol Sci	Interferon-gamma promoter is hypermethylated in blood DNA from workers with confirmed diisocyanate asthma	2013	133	2	PubMed
D. Q. Rich, et al.	Res Rep Health Eff Inst	Ambient and Controlled Particle Exposures as Triggers for Acute ECG Changes	2016		186	PubMed
G. Rico-Rosillo, et al.	Rev Alerg Mex	[Epigenetics, environment and asthma]	2014	61	2	PubMed

M. T. Salam, et al.	Epigenomics	Epigenetics and childhood asthma: current evidence and future research directions	2012	4	4	PubMed
A. Scesnaite, et al.	Mutagenesis	Similar DNA methylation pattern in lung tumours from smokers and never-smokers with second-hand tobacco smoke exposure	2012	27	4	PubMed
M. Scott, et al.	Thorax	Multifaceted allergen avoidance during infancy reduces asthma during childhood with the effect persisting until age 18 years	2012	67	12	PubMed
P. D. Sly	Curr Opin Allergy Clin Immunol	The early origins of asthma: who is really at risk?	2011	11	1	PubMed
H. K. Somineni, et al.	J Allergy Clin Immunol	Ten-eleven translocation 1 (TET1) methylation is associated with childhood asthma and traffic-related air pollution	2016	137	3	PubMed
A. Sood, et al.	Am J Respir Crit Care Med	Wood smoke exposure and gene promoter methylation are associated with increased risk for COPD in smokers	2010	182	9	PubMed
D. I. Suh, et al.	Allergy Asthma Immunol Res	Prenatal Maternal Distress and Allergic Diseases in Offspring: Review of Evidence and Possible Pathways	2017	9	3	PubMed
I. K. Sundar, et al.	J Proteome Res	Cigarette smoke induces distinct histone modifications in lung cells: implications for the pathogenesis of COPD and lung cancer	2014	13	2	PubMed
I. K. Sundar and I. Rahman	Front Pharmacol	Vitamin d and susceptibility of chronic lung diseases: role of epigenetics	2011	2		PubMed
M. Talikka, et al.	Crit Rev Toxicol	Genomic impact of cigarette smoke, with application to three smoking-related diseases	2012	42	10	PubMed